



# NEW JERSEY WEEKLY CROP WEATHER

## New Jersey Field Office

***In Cooperation With:***  
**U.S. Department of Agriculture**  
**National Agricultural Statistics Service**  
**Agricultural Marketing Service**  
**U.S. Department of Commerce/N.O.A.A.**  
**Rutgers University**

### NOAA WEATHER RADIO STATIONS

**Allentown**  
WXL-39 on the VHF-FM  
frequency of 162.40 Megahertz.  
**Atlantic City**  
KHB-38 on the VHF-FM  
frequency of 162.40 Megahertz.  
**New York City**  
KWO-35 on the VHF-FM  
frequency of 160.55 Megahertz.  
**Philadelphia**  
KIH-28 on the VHF-FM  
frequency of 162.475 Megahertz.

### NEW JERSEY AUCTIONS

**Vineland**  
Phone: (856)691-0721  
Sales 10:00AM Daily except Sunday.  
**Landisville**  
Phone: (856)697-2273  
Direct Sales Daily  
**Swedesboro**  
Phone: (856)476-0313  
**Hightstown**  
Phone: (609)448-0193  
Auction Sales Mon-Wed-Fri-7pm

Volume 69 No. 9

Date: June 4, 2007

## Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutgers University New Brunswick NJ 8 am EDT Monday, June 4, 2007

Rainfall amounts additional totals of a quarter of an inch with locally higher amounts possible today and tonight, tenth of an inch Tuesday.

Winds for spraying, northeast then north then west 5 to 10 mph today, southwest 5 to 10 mph tonight, southwest 10 to 15 mph Tuesday.

Relative humidity in percent, 60 to 70 today, near 100 tonight, 50 to 60 Tuesday.

Dew points, mid 60s, through Tuesday, then dropping late in the day on Tuesday.

Drying conditions poor this morning but possibly becoming fair this afternoon, fair Tuesday.

Some dew tonight as well as possible wetting in a shower, moderate dew Tuesday night.

Percent of possible sunshine, 20 today, 40 Tuesday.

There is a 70 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

Estimated soil moisture in percent of field capacity has improved significantly during the past 24 hours.

Temperatures in the representative cranberry bogs will remain above freezing for the next few nights.

Hay cutting should not be considered for the next couple of days with high humidity and a continued threat of scattered wetting in showers.

The latest 8 to 14 day outlook for the period June 11, 2007 to June 17, 2007 is calling for temperatures to average above normal and precipitation to total near normal.

### Climate summary for the week ending 8am 6/4/07

Temperatures averaged much above normal, averaging 72 degrees North, 72 degrees Central, and 73 degrees South. Extremes were 93 degrees at Canoe Brook, Flemington, and Freehold on June 1, 2007, and 48 degrees at Flemington and Charlotteburg on May 30, 2007.

Weekly rainfall averaged 1.45 inches North, 1.50 inches Central, and 1.28 inches South. The heaviest 24 hour total reported was 1.74 inches at Glassboro on June 3, 2007 to June 4, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 76 percent North, 72 percent Central, and 61 percent South. Four inch soil temperatures averaged 70 degrees North, 71 degrees Central, and 72 degrees South.

### Weather Summary for the Week Ending 8 am Monday, June 4, 2007

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week						
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches -                      - Degrees                      - Base 50°F -										
NORTH										
Canoe Brook	2.05	21.78	8.69	93	53	74	9	638	273	100
Charlotteburg	1.55	16.53	3.58	88	48	71	9	548	290	94
Flemington	1.44	20.35	7.95	93	48	72	7	594	211	93
Newton	.76	11.71	.17	90	49	71	8	514	210	77
CENTRAL										
Freehold	1.75	16.10	3.76	93	51	72	6	759	308	98
Long Branch	1.36	15.97	3.29	87	50	70	5	558	158	97
New Brunswick	1.72	20.89	8.75	92	51	73	6	655	171	99
Toms River	1.29	13.78	1.49	89	51	71	7	615	199	100
Trenton	1.39	17.41	6.24	91	54	73	5	681	150	94
SOUTH										
Cape May C.H.	.96	8.76	-2.07	87	52	70	4	593	120	79
Downtown	1.02	14.09	3.00	91	51	73	5	693	148	77
Glassboro	1.74	14.88	3.03	91	56	75	7	796	271	100
Hammonton	.86	12.82	1.28	92	50	73	5	716	199	71
Pomona	1.67	11.78	1.10	91	52	73	7	673	225	100
Seabrook	1.41	14.87	4.60	90	56	74	6	805	255	96
South Harrison	1.12	15.87	3.43	90	55	74	NA	758	NA	NA

\*Departure from normal.  
1/Growing degree days since March 1, 2007, total and departure from normal or long term average.  
2/Estimated soil moisture as % of field capacity based on climate data.

Strawberry Harvest Continues
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Days suitable for field work, for the week ending Sunday, June 3, 2007, were 6.0. Topsoil moisture was rated 40% short and 60% adequate. Irrigation water supply was rated 30% short and 70% adequate. There were measurable amounts of rainfall during the week in most localities. Temperatures were above average for the week in most areas of the Garden State. Corn and soybeans continued to emerge. Potato plants continued to flower. Producers continued preparing fields, spraying, planting field corn, soybeans, and summer vegetables. Harvest of early season vegetables, including asparagus, cabbage, peas, strawberries, spinach, and lettuce, continued. Producers continued harvesting hay. Irrigation was necessary the beginning of the week in some Southern fields.

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